PATENT COOPERATION TREAT 1

From the INTERNATIONAL SEARCHING AUTHORITY	PCT			
To: SCIENTIFIC-ATLANTA, INC. Intell. Property Dept. Attn. Gardner, Kelly A. 5030 Sugarloaf Parkway	NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION			
LAWRENCEVILLE, GA 30044 UNITED STATES OF AMERICA	(PCT Rule 44.)RECEIVE			
	Date of mailing SCIENTIFIC ATLANTA, II LEGAL DEPARTMENT			
	(day/month/year) 29/11/2001			
Applicant's or agent's file reference F-6383-PC	FOR FURTHER ACTION See paragraphs 1 and 4 below			
International application No. PCT/US 01/10874	International filing date (day/month/year) 02/04/2001			
Applicant				
SCIENTIFIC-ATLANTA, INC.				
The applicant is hereby notified that the International Search	Report has been established and is transmitted herewith.			
Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claim	is of the International Application (see Rule 46):			
When? The time limit for filing such amendments is norma international Search Report; however, for more de				
Where? Directly to the International Bureau of WIPO 34, chemin des Colombattes 1211 Geneva 20, Switzerland Fascimile No.: (41-22) 740.14.35				
For more detailed instructions, see the notes on the according	mpanying sheet.			
The applicant is hereby notified that no International Search Article 17(2)(a) to that effect is transmitted herewith.	Report will be established and that the declaration under			
With regard to the protest against payment of (an) addition	nal fee(s) under Rule 40.2, the applicant is notified that:			
the protest together with the decision thereon has been applicant's request to forward the texts of both the prot	n transmitted to the International Bureau together with the est and the decision thereon to the designated Offices.			
no decision has been made yet on the protest; the app	licant will be notified as soon as a decision is made.			
4. Further action(s): The applicant is reminded of the following:				
Shortly after 18 months from the priority date, the international application will be published by the international Bureau. If the applicant whele to avoid or prespone publication, a notice of which drawed of the international application, or of the priority claim, must reach the International Bureau as provided in Ruses 90bis 1 and 90bis 3, respectively, before the completion of the technical preparations for international publication.				
Within 19 months from the priority date, a demand for internations wishes to postpone the entry into the national phase until 30 mo	al preliminary examination must be filed if the applicant nths from the priority date (in some Offices even later).			
Within 20 months from the priority date, the applicant must perfor before all designated Offices which have not been elected in the priority date or could not be elected because they are not bound	e demand or in a later election within 19 months from the			
Name and mailing address of the International Searching Authority	Authorized officer			
European Patent Office, P.B. 5618 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Shantisaroop Pherai			

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference		f Transmittal of International Search Report
F-6383-PC	ACTION (Form PC1/ISA/2)	20) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/US 01/10874	02/04/2001	03/04/2000
Applicant		_
SCIENTIFIC-ATLANTA, INC.		
This international Search Report has beer according to Article 18. A copy is being tra	prepared by this International Searching Authorsmitted to the International Bureau.	orlty and is transmitted to the applicant
This International Search Report consists. X It is also accompanied by	of a total of sheets. a copy of each prior art document cited in this	report.
Basis of the report		
	nternational search was carried out on the bas ess otherwise indicated under this item.	is of the international application in the
the international search wa Authority (Rule 23.1(b)).	as carried out on the basis of a translation of th	e international application furnished to this
was carried out on the basis of the internation of the international application as the statement that the sub-international application as the statement that the info furnished 2. Certain claims were four unity of invention is tack. 3. Unity of invention is tack. 4. With regard to the title,	sequence listing: " tal application in written form. mational application in computer readable form this Authority in written form. sequently furnished written sequence listing do filled has been furnished. mation recorded in computer readable form is dunsearchable (See Box I). ing (see Box II).	
5. With regard to the abstract, X the text is approved as sut the text has been established within one month from the flucte of the drawings to be public X as suggested by the applic because the applicant faile because the applicant faile the control of the c	ed, according to Rule 38.2(b), by this Authority date of mailing of this international search repo shed with the abstract is Figure No. ant. d to suggest a figure.	y as it appears in Box III. The applicant may, ort, submit comments to this Authority. 2 None of the figures.

Form PCT/ISA/210 (first sheet) (July 1998)

inte. Inal Application No. PCT/US 01/10874

A. CLASSIFICATION OF SUBJECT MATTER IPC 7 H04N7/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols) IPC 7 HO4N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Turther documents are listed in the continuation of box C.

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
х	WO 99 52285 A (DISCOVERY COMMUNICAT INC) 14 October 1999 (1999-10-14)	1-11, 14-24, 27-54
	page 21, line 14 -page 25, line 14 page 43, line 22 -page 45, line 16 page 79, line 18 -page 81, line 119 page 83, line 13 -page 90, line 31 page 93, line 14 - line 25 page 103, line 3 - line 14 page 112, line 15 -page 115, line 12 page 117, line 3 -page 118, line 12 figures 7-9,12	
A	EP 0 838 915 A (MATSUSHITA ELECTRIC IND CO LTD) 29 April 1998 (1998-04-29) page 3, line 11 -page 6, line 28 figures 1-9/	1–54

* Special categories of cited documents: A' document defining the general state of the art which is not considered to be of particular relevance. E' earlier document but published on or after the international filling date. 1' document which have three docked on priority datalysis or considered and the categories of another citation or cheer special reason (as specified). O' document referring to an oral disclosure, use, exhibition or other means. P' document published prior to the international filling date but also that the state of the control of	**Till felter document published after the international filing date or priority date and into control with the application but for produce the control with the produce or federal working the interation. **Zill document of particular relevance, the claimed invention cannot be considered nevel or control be considered to low invention to considered to low invention to considered to be considered nevel or control be considered to be considered in the control of the co
Date of the actual completion of the international search 23 November 2001	Date of mailing of the international search report 29/11/2001
Name and mailing address of the ISA European Patent Office, P.5. 5518 Patentiaan 2 N. – 2260 HV Pilsywik Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer Van der Zaal, R

Form PCT/ISA/210 (second sheet) (July 1992)

Patent family members are listed in annex.

INT A ATIONAL SEARCH REPORT

ite nai Application No PCT/US 01/10874

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT Category Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. WO 96 17467 A (HERZ FREDERICK ; UNGAR LYLE 1-54 (US); WACHOB DAVID (US); ZHANG JIAN (US) 6 June 1996 (1996-06-06) page 45, line 30 - page 48, line 11 page 49, line 16 - line 29 page 74, line 16 - line 30 page 81, line 14 - page 85, line 4 figures 1-6,9,10

1

INT \TIONAL SEARCH REPORT

information on patent family members

PCT/US 01/10874

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9952285	A	14-10-1999	AU	3377699 A	25-10-1999
			CN	1303569 T	11-07-2001
			EP	1068729 A1	17-01-2001
			WO	9952285 A1	14-10-1999
EP 0838915 A	29-04-1998	JP	10126752 A	15-05-1998	
			AU	705215 B2	20-05-1999
			AU	4281897 A	30-04-1998
			CN	1182329 A	20-05-1998
			EP	0838915 A2	29-04-1998
			KR	262845 B1	01-08-2000
WO 9617467	Α	06-06-1996	US	5758257 A	26-05-1998
			ΑU	703247 B2	25-03-1999
			AU	4410396 A	19-06-1996
			CA	2207868 A1	06-06-1996
			EP	0796538 A2	24-09-1997
			US	6020883 A	01-02-2000
			WO	9617467 A2	06-06-1996
			US	5734720 A	31-03-1998
			บร	5754938 A	19-05-1998
			US	5754939 A	19-05-1998
			US	5835087 A	10-11-1998
		US	6088722 A	11-07-2000	
		US	6029195 A	22-02-2000	